CLAIMS

What is claimed is:

1. A wireless Internet gateway, comprising:

5   a Java Remote Method Invocation (RMI) handler;

a destination handler; and

a message handler between said RMI handler and said destination handler;

wherein RMI objects are inserted in said message handler

10   by an application server in communication with said RMI handler.

2. The wireless Internet gateway according to claim 1, wherein:

said destination handler utilizes SMPP protocols.

15

3. The wireless Internet gateway according to claim 1, wherein:

said destination handler utilizes HTTP protocols.

20   4. The wireless Internet gateway according to claim 1, wherein:

said destination handler utilizes TNPP protocols.

5. The wireless Internet gateway according to claim 1, 25   further comprising:

an SMPP link proxy module providing direct communication between an application server and said destination handler.

6. The wireless Internet gateway according to claim 1, further comprising:

a message queue;

wherein messages contained in RMI objects in said message handler are queued for transmission to a destination in said message queue.

7. The wireless Internet gateway according to claim 1, further comprising:

a generic destination interface between said message queue and said destination handler.

8. The wireless Internet gateway according to claim 1, further comprising:

a chat server in communication with said RMI handler.

9. The wireless Internet gateway according to claim 1, further comprising:

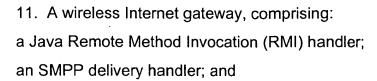an e-mail server in communication with said RMI handler.

10. The wireless Internet gateway according to claim 1, further comprising:

an SMTP handler in communication with said handler.

11. A wireless Internet gateway, comprising:

a Java Remote Method Invocation (RMI) handler;

an SMPP delivery handler; and

a message handler between said RMI handler and said

5   SMPP delivery handler;

wherein RMI objects are inserted in said message handler by an application server in communication with said RMI handler, directed to said SMPP delivery handler for delivery to a wireless device using SMPP protocols.

10

12.   A method of providing communications between a wireless network and the Internet, comprising:

accepting an RMI object from an application server in communication with the Internet;

15   extracting a short message from said RMI object; and

passing said short message to a destination handler for transmission to said wireless network.

13.   The method of providing communications between a

20   wireless network and the Internet according to claim 12, further comprising:

monitoring short messages relating to a particular destination subscriber for billing purposes based on a number of short messages communicated with said destination subscriber.

25

14. The method of providing communications between a wireless network and the Internet according to claim 13, wherein said step of passing comprises:

passing said short message to a generic protocol destination

5   interface; and

passing said short message from said generic protocol destination to said destination handler.

15. The method of providing communications between a

10   wireless network and the Internet according to claim 13, further comprising:

adding a parameter to said short message in a wireless Internet gateway.

15   16. The method of providing communications between a wireless network and the Internet according to claim 13, wherein said added parameter comprises:

a message priority level.

20   17. The method of providing communications between a wireless network and the Internet according to claim 13, wherein said added parameter comprises:

a callback number.

25   18. The method of providing communications between a wireless network and the Internet according to claim 13, wherein said added parameter comprises:

a validity time.

19.   The method of providing communications between a wireless network and the Internet according to claim 13, wherein said added parameter comprises:

a delivery receipt request.

5

20.   The method of providing communications between a wireless network and the Internet according to claim 13, further comprising:

logging details about said short message in a messages

10   database.

21.   The method of providing communications between a wireless network and the Internet according to claim 13, further comprising:

15   storing contents of said short message in a message cache.

22.   Apparatus for providing communications between a wireless network and the Internet, comprising:

means for accepting an RMI object from an application

20   server in communication with the Internet;

means for extracting a short message from said RMI object; and

means for passing said short message to a destination handler for transmission to said wireless network.

25

23. The apparatus for providing communications between a wireless network and the Internet according to claim 22, wherein said means for passing comprises:

means for passing said short message to a generic protocol destination interface; and

means for passing said short message from said generic protocol destination to said destination handler.

24. The apparatus for providing communications between a wireless network and the Internet according to claim 22, further comprising:

means for logging details about said short message in a messages database.

25. The apparatus for providing communications between a wireless network and the Internet according to claim 22, further comprising:

means for storing contents of said short message in a message cache.

26. The apparatus for providing communications between a wireless network and the Internet according to claim 22, further comprising:

means for receiving an e-mail message from an SMTP handler; and

means for passing said e-mail message to said destination handler for transmission to said wireless network.

27. The apparatus for providing communications between a wireless network and the Internet according to claim 22, further comprising:

means for adding a parameter to said short message in a

5   wireless Internet gateway.

28. The apparatus for providing communications between a wireless network and the Internet according to claim 22, wherein said means for adding a parameter adds at least one of:

10   a message priority level;

a callback number;

a validity time; and

a delivery receipt request.

15   29. A method of providing an encrypted license to a system user, comprising:

establishing at least one adjustable parameter having a maximum range for said system;

encrypting a license file with an enablement of said

20   adjustable parameter; and

limiting a range of said adjustable parameter using said encrypted license file, within said maximum range based on a level of use granted to said system user.

25   30. The method of providing an encrypted license to a system user according to claim 29, wherein:

said system is a wireless Internet gateway.

31. Apparatus for providing an encrypted license to a system user, comprising:

means for establishing at least one adjustable parameter having a maximum range for said system;

5   means for encrypting a license file with an enablement of said adjustable parameter; and

means for limiting a range of said adjustable parameter using said encrypted license file, within said maximum range based on a level of use granted to said system user.

10

32. The apparatus for providing an encrypted license to a system user according to claim 31, wherein:

said system is a wireless Internet gateway.

15